

Fig. 1 - Home System

- 210 PC to PC
211 Repeated a hub chip 103 using NP0, NP1 and NP2
220 PC to printer
221 Printer protocol NP1 is picked up by CPU 104 via 103 and 115
222 sent to printer 132 via 102 and 115
223 sent to printers 132 via 102 and 115, optionally buffering it in storage
105, 106 and 107 or any combination thereof
230 PC to Internet
231 TCP/IP (NP2) is picked up by CPU 104
232 then processed into AU 101
233 for transmissions to ISP equipment 120 via port 111 and communication
network 110
240 PC to ISP
241 TCP/IP (NP2) is picked up by CPU 104
242 then processed into AU 101
243 for transmissions to ISP equipment 120 via port 111 and communication
network 110
244 then going onto server 123

Figure 2 - Routing Examples

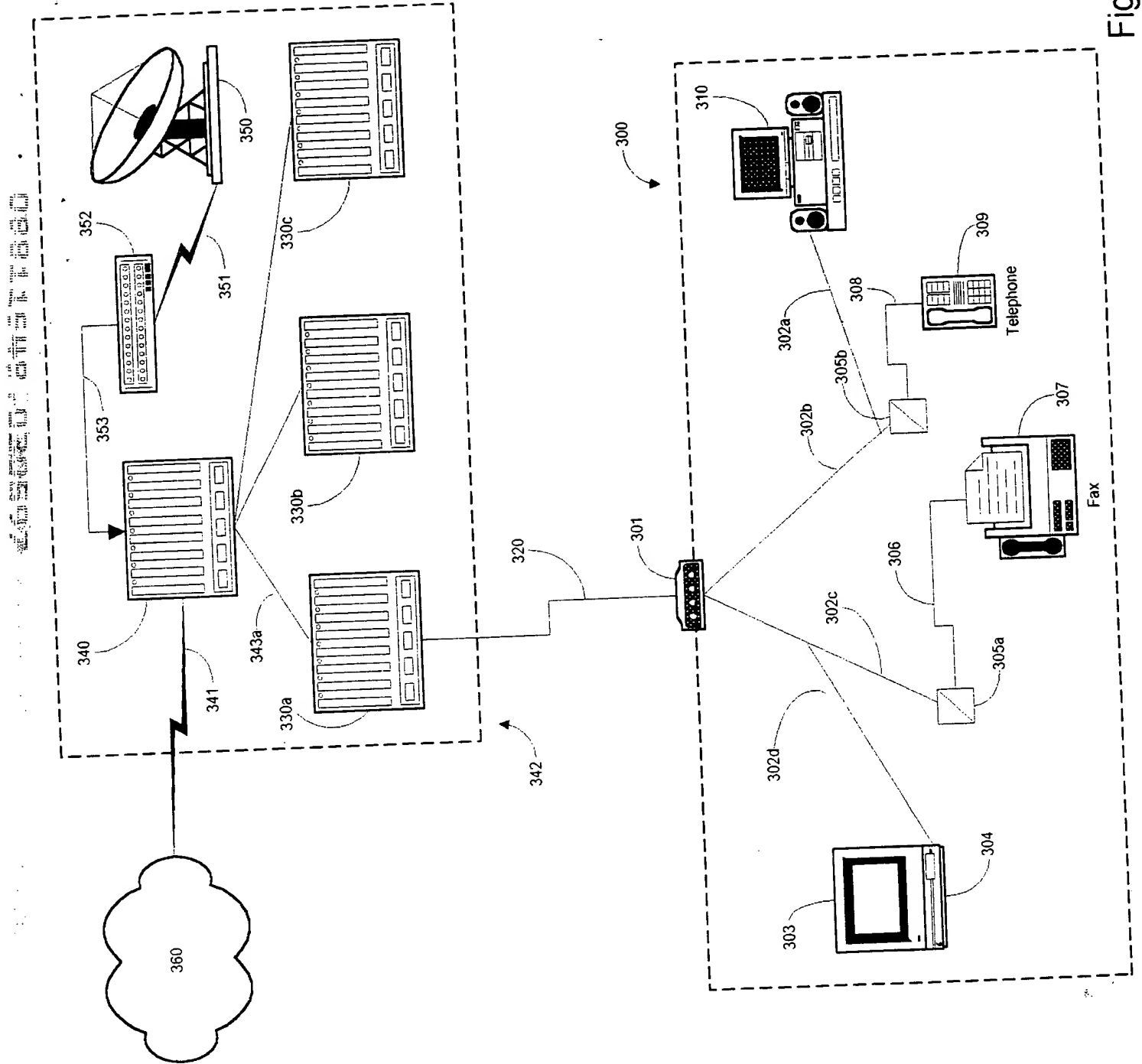


Fig. 3